34. (New) A device for mixing two pasty substances comprising a housing (42) including a substantially tubular section (44), said substantially tubular section (44) having two inlet openings (68, 70), each for receiving a pasty substance at a rear end (48) and an outlet opening (52) for discharging an admixed pasty substance from a front end of the tubular section (44), a rotatable mixer shaft (38) extending into the tubular section (44) and being rotatably supported in the housing (42), the mixer shaft (38) including a plurality of rigid mixer elements (74) protruding from an axis (72) thereof for admixing the two pasty substances during their passage through the tubular section (44), an annular insertion part (62) within the rear end (48) of the housing (42) disposed substantially concentric to the axis (72), the insertion part (62) including an inner surface facing the tubular section (44) of the housing (42) and an outer surface forming the rear end (48) of the housing (42), said rear end (48) of the housing (42) having two inlet stubs, said mixer shaft (38) including a mixer shaft portion adjacent the inlet openings (68, 70) carry at least one deflection element (80) for deflecting the pasty substances fed through the inlet openings (68, 70) substantially axially into the tubular section (44) of the housing (42), said at least one deflection element (80) including a deflection surface (82) extending about the axis (72) and at an inclination to a radial plane thereof, the insertion part (62) being provided with a cylindrical recess (69) housing said mixer shaft portion and the at least one deflection element (80), and the two ducts (64, 66) extending from said two inlet stubs to said inlet openings (68, 70) and opening radially into said cylindrical recess (69).

35. (New) The mixing device as defined in claim 34 wherein at least said one deflection element (80) is of a wedge configuration.

36. (New) The mixing device as defined in claim 34 wherein the at least one deflection element (80) is defined by two deflection elements (80, 80) disposed in diametrically opposite relationship to each other and to the axis (72).

37. (New) The mixing device as defined in claim 35 wherein the at least one deflection element (80) is defined by two deflection elements (80, 80) disposed in diametrically opposite relationship to each other and to the axis (72).

38. (New) The mixing device as defined in claim 34 wherein the at least one deflection element (80) is defined by two deflection elements (80, 80) extending over an angular range of between 90° to 180°.

39. (New) The mixing device as defined in claim 35 wherein the at least one deflection element (80) is defined by two deflection elements (80, 80) extending over an angular range of between 90° to 180°.

40. (New) The mixing device as defined in claim 36 wherein the at least one deflection element (80) is defined by two deflection elements (80, 80) extending over an angular range of between 90° to 180°.

41. (New) The mixing device as defined in claim 34 wherein at least said one deflection element (80) includes a deflection surface (82) extending helically about the axis (72).

42. (New) The mixing device as defined in claim 35 wherein at least said one deflection element (80) includes a deflection surface (82) extending helically about the axis (72).

43. (New) The mixing device as defined in claim 36 wherein at least said one deflection element (80) includes a deflection surface (82) extending helically about the axis (72).

44. (New) The mixing device as defined in claim 38 wherein at least said one deflection element (80) includes a deflection surface (82) extending helically about the axis (72).

45. (New) The mixing device as defined in claim 34 wherein said tubular section (44) includes an inner surface (76), and an identical number of said mixer elements (74) lie as a group within each of a plurality of radial planes of the axis (72) and extend contiguous the inner surface (76) of the tubular section (74).

46. (New) The mixing device as defined in claim 35 wherein said tubular section (44) includes an inner surface (76), and an identical number of said mixer elements (74) lie as a group within each of a plurality of radial planes of the axis (72) and extend contiguous the inner surface (76) of the tubular section (74).

47. (New) The mixing device as defined in claim 46 wherein said tubular section (44) includes an inner surface (76), and an identical number of said mixer elements (74) lie as a group within each of a plurality of radial planes of the axis (72) and extend contiguous the inner surface (76) of the tubular section (74).

48. (New) The mixing device as defined in claim 38 wherein said tubular section (44) includes an inner surface (76), and an identical number of said mixer elements (74) lie as a group within each of a plurality of radial planes of the axis (72) and extend contiguous the inner surface (76) of the tubular section (74).

49. (New)The mixing device as defined in claim 41 wherein said tubular section (44) includes an inner surface (76), and an identical number of said mixer elements (74) lie as a group within each of a plurality of radial planes of the axis (72) and extend contiguous the inner surface (76) of the tubular section (74).

50. (New) The mixing device as defined in claim 45 wherein at least two mixer elements (74, 74) in the same radial plane are connected to each other by a circumferential portion (78, 78').

51. (New) The mixing device as defined in claim 34 wherein said tubular section (44) includes an inner surface (76), and an identical number of said mixer elements (74) lie as a group within each of a plurality of radial planes of the axis (72) and extend contiguous the inner surface (76) of the tubular section (74).

52. (New) The mixing device as defined in claim 35 wherein said tubular section (44) includes an inner surface (76), and an identical number of said mixer elements (74) lie as a group within each of a plurality of radial planes of the axis (72) and extend contiguous the inner surface (76) of the tubular section (74).

53. (New) The mixing device as defined in claim 36 wherein said tubular section (44) includes an inner surface (76), and an identical number of said mixer elements (74) lie as a group within each of a plurality of radial planes of the axis (72) and extend contiguous the inner surface (76) of the tubular section (74).

54. (New) The mixing device as defined in claim 38 wherein said tubular section (44) includes an inner surface (76), and an identical number of said mixer elements (74) lie as a group within each of a plurality of radial planes of the axis (72) and extend contiguous the inner surface (76) of the tubular section (74).

55. (New) The mixing device as defined in claim 41 wherein said tubular section (44) includes an inner surface (76), and an identical number of said mixer elements (74) lie as a group within each of a plurality of radial planes of the axis (72) and extend contiguous the inner surface (76) of the tubular section (74).

56. (New) The mixing device as defined in claim 45 wherein said tubular section (44) includes an inner surface (76), and an identical number of said mixer elements (74) lie as a group within each of a plurality of radial planes of the axis (72) and extend contiguous the inner surface (76) of the tubular section (74).

57. (New) The mixing device as defined in claim 50 wherein said tubular section (44) includes an inner surface (76), and an identical number of said mixer elements (74) lie as a group within each of a plurality of radial planes of the axis (72) and extend contiguous the inner surface (76) of the tubular section (74).